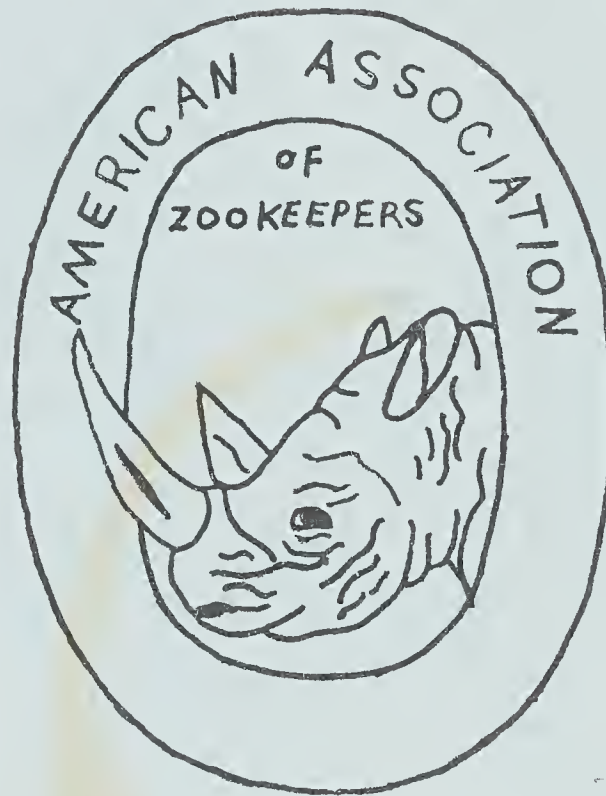


AAZK NEWSLETTER



VOL.1, NO.7

NOVEMBER 1968

AAZK MEMBERSHIP

AFFILIATE MEMBERSHIP

San Diego Chapter.....\$2.00 annually

(Includes subscription of Newsletter)

(Open only to keepers and attendants of other zoos and aquariums)

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INDEX

The American Association of Zoo Keepers-Where & Why	
by Richard G. Sweeney-----	Pg. 2
Raising Muntjac Indoors by George Badavich-----	Pg. 10
Rare and Endangered Species by Edward Magee-----	Pg. 11
News from Stanley Park Zoo-----	Pg. 12
The Keeper's Corner by Dick Sweeney-----	Pg. 13
News from San Diego Zoo-----	Pg. 14
News from Brookfield Zoo-----	Pg. 15
News from Catskill Game Farm-----	Pg. 17
News from Portland Zoo-----	Pg. 17
News from Topeka Zoological Park-----	Pg. 18
Exhibiting Chimpanzees by Chris LaRue-----	Pg. 19
News from Knowland Park Zoo-----	Pg. 20
News from Roger Williams Park Zoo-----	Pg. 20
News from Middlesex Fells Zoo-----	Pg. 21
Conservation News reported by Ken Willingham-----	Pg. 22
Questions and Answers-----	Pg. 23
Foreign Items by SSG. Marvin L. Jones-----	Pg. 25
AAZK Welcomes New Members-----	Pg. 26
Miscellaneous Items of Interest on Pages 1,17,20,24, & 25	
Supplementary Page to Newsletter in Center includes News from Mesker Park Zoo and Milwaukee Zoo.	

TO ALL MEMBERS,

Mr. Richard G. Sweeney has been selected as National Executive Secretary of the AAZK and will act as coordinator for the establishment of the association to national status.

Mr. Sweeney urges all affiliate members to consider the formation of local chapters. There are many factors to be considered regarding the AAZK on a national scale and letters are being prepared and will be sent to all members and chapter officers.

The direction of progress will be determined by the return of these questionnaires. Please direct all correspondence to the new national headquarters address.

OFFICE OF EXECUTIVE SECRETARY
AMERICAN ASSOCIATION OF ZOO KEEPERS
3388 GRANADA AVE.
SAN DIEGO, CALIF. 92104

DO NOT SEND MAIL TO SAN DIEGO ZOO. THIS WILL ONLY DELAY OUR SERVICE TO YOU.

Mr. Conrad A. Grayson has been selected as National Headquarters Treasurer. All fees, assessments etc. should be made payable to American Association of Zoo Keepers National Headquarters. Mr. Grayson will provide the membership with financial reports.

PLEASE NOTE

Revised copies of National Constitution are being printed and changes in dues that go into effect Jan. 1, 1969 will be included.

Due to operational expenses, our assessments had to be increased but were held to a minimum. We hope you'll understand that since your Newsletter costs increased, we had to impose the increase. But with the fine support of news items and your interest in our purpose, we're sure you'll consider it fair.

New Constitution copies are being mailed on Jan.1,1969.

Effective January 1,1969, the following dues and assessments will be in effect. AFFILIATE MEMBERS TO SAN DIEGO NATIONAL HQTRS.--\$3.00 annual
CORRESPONDING MEMBERSHIP AAZK NATIONAL HQTRS-----\$5.00 "
AFFILIATE CHAPTER ASSESSMENT FEE PER MEMBER TO AAZK HQTRS.
(In addition to chapter dues)-----\$1.50 "
NEWSLETTER SUBSCRIPTION-----\$2.50 "

MEMBERS

Following is a copy of the text presented at the AAZPA Conference in Los Angeles on Oct.8,1968 by Dick Sweeney,Executive Secretary. It was received with welcomed enthusiasm and with a sincere interest in our behalf. Many Directors and Curators complimented our purpose and intentions and we're sure some good results will develop.

THE AMERICAN ASSOCIATION OF ZOO KEEPERS-WHERE & WHY

I am both privileged and honored to act as spokesman for a familiar species of mammal who borders on extinction, yet still escapes the endangered list-The American Zoo Keeper. And I should like to thank Mr. Clayton Freiheit,Mr. Frank Thompson and the many others who afforded me this opportunity.

I take great pride in announcing a course of voluntary propagation that has emerged in the form of the American Association of Zoo Keepers. Our organization is designed as the keeper's vehicle to prominence—a new microphone for the voice of a profession that has too long been stilled by a lack of initiative and the right direction of purpose.

Before introduction of our intent and purpose, I should like to publicly thank Dr. Charles Schroeder and the entire San Diego Zoo staff for their part in the birth of the AAZK. With their cooperation and the facilities of the San Diego Zoological Gardens, we were able to bring into being, the first keeper's organization of its kind and I know I speak for keepers everywhere when I say thanks.

On Dec. 5, 1967, the first chapter of the AAZK was chartered with 29 participating keepers and has since grown to represent members from 44 zoos in 25 states coast to coast. This is representation of half the United States in just 8 months. Our present membership stands at 463 keepers.

Since the San Diego chapter is the founding organization, we have, by virtue of charter, established interim headquarters for the purpose of providing an orderly growth of the AAZK on a national scale. We are encouraging other zoos to form local chapters with constitutional affiliation to the parent organization. Four chapters are presently chartered and operating under constitutional affiliation to the national purpose of the AAZK.—San Diego Zoological Gardens, Cincinnati Zoo, Central Park, N.Y. (combining Queens and Brooklyn),

and Los Angeles Zoo.

Some 65 keepers make up the Los Angeles representatives, who already boasts some 100 associate supporters. Mr. Jeff McNeely, president of the Los Angeles organization, is to be congratulated for his success in maintaining his chapter with a degree of quality that enhances the zoo keeper's efforts.

Our constitution carries the following objectives:

To promote and establish a means to stimulate incentive and create greater interest in the zoo keeper profession, to extend and exchange ideas and ideals beneficial to the field of animal care. To promote a brotherhood with members of our profession through specific projects that will strengthen the keeper's job knowledge and thus strengthen the overall capabilities of our members.

For too many years, the zoo keeper has denied himself the opportunity to bring to public attention the importance of his job thru his rightful position on the zoological totem pole, since his mode of education has been based primarily on practical experience-rarely written into volumes of valuable information, he has relied on personal incentive and mediocre attempts of professional zoo personnel to provide him with a working knowledge of his profession. But he's done real well under this circumstance. This is pretty much in evidence by those in the audience who shoveled and raked their way to their present positions. And I'm sure those of you who did, agree that the frustrations you left behind were almost equal to those you now encounter.

We're all aware that today's zoos have become complex in purpose-

We're scientific hunting grounds, we engage in the propagation of vanishing species, we experiment with environments of specimens never before exhibited in captivity, and most important, we have become educators in the natural sciences; and with all these changes and additional requirements, the zoo keeper's responsibilities have also increased. Yet the importance of his function has sometimes failed to be recognized at its true value.

It has been evidenced in just 8 short months, that this concern exists among keepers across the country and it is further evidenced that our association is just what was needed to bring to light the universal desire by the zoo keeper to publicize his ability and to increase his contribution to successful zoo operation, by an exchange of valuable experience.

I should like to emphasize that our organization is not designed as a means of revolt against zoo managements. We're not directly concerned with economic points of order. The AAZK was established as a voluntary, non-profit organization, non-political and non-sectarian in character and is designed for social and educational purposes only. And I again place an emphasis on the fact that we are not affiliated with any labor organization, nor do we propose to discuss any economic questions. This stipulation is given in writing to each prospective member.

Any advancements economically are negotiated by zoo managements and individual circumstance. To sum it up-we leave economics to the experts. However, if you wish to go back to your zoo and offer your keepers

an incentive increase, we have no objections. In fact, I support it.

I would like to present, in detail, several proposals of our association that need your participation and understanding before they could materialize.

We would like to have our association membership card nationally recognized as a pass to your park and its facilities. This would encourage our members to travel to different zoos and become acquainted with your procedures and methods of exhibiting animals.

We would ask your permission to allow a member-keeper from your facility to welcome and act as guide for our visiting member or officer. Prior arrangements would be required of the visiting member to prevent any inconvenience to your establishment.

We have established a local library, that will make good reading materials available to our keepers. We are gathering printed materials through purchase, donation and loan. And we route it to our members as required reading. Again, this has been achieved by the support and cooperation of our Director and Staff.

We ask those, who do not provide their keepers with literature pertinent to their profession to do so. I am the first to agree that there is no guarantee they'll read it. But the possibility of interest should not be denied.

We propose to increase the size and circulation of our Newsletter, which is our most important means of communication, and encourage affiliate chapters to establish similar publications that will help cover our field with bits of valuable information beneficial to

keepers and those interested in conservation. Outside subscriptions are a means of support for our association, but the basic purpose of the AAZK Newsletter, is to stimulate an added interest in our profession. And to acquaint our members to the problems and happenings of keepers elsewhere. It's a means of creating a bond of professional compatibility and it's working.

We would welcome guest articles. In fact, I should like to propose a liaison between the AAZPA Newsletter and ours. You give us a page and we'll reciprocate.

The Los Angeles Chapter now publishes 'The American Zoo Keeper' which we hope will develop wide circulation. This publication of journal form contains valuable articles dealing with the scientific aspects as well as the practicalities of animal maintenance.

We propose to establish an annual incentive award for keepers who make valuable contributions to the welfare of our organization, by his added efforts to his position.

We would welcome the added prestige the AAZPA could lend to this award by jointly recognizing the achievements of its recipient. This is a psychological target provided to stimulate purpose for achievement.

We propose to establish workshops and with your permission, and hopefully with your assistance, at various zoos.

Tentative plans for this proposal are being formulated and I intend to seek the cooperation and approval for the first conference to be held at San Diego-hopefully in 1969.

Our format would be similar to this convention, but in view of

our present financial abilities, under a much less lavish environment. It is our hope to encourage keepers to prepare talks for these conferences based on his particular capability. We also hope to entice guest speakers who would be willing to add to our purpose.

We hope to include a dinner, a tourist tour and a good time. We seek your permission for a workshop at your zoo.

We propose a collection of papers prepared by experienced keepers describing specific phases of animal care, under varying conditions of climate and type of exhibits and we plan to assemble these into a manual which would be of benefit to those who intend making animal keeping a career.

We would like to enlist the cooperation of different curators and directors to varify the accuracy of technical aspects of these papers before they are published. We feel that the value of this manual would be emphasized by its source of practical knowledge. Straight from the keeper's hand to the hand of the prospective apprentice. We would welcome your help.

Another proposal of the AAZK, is to make available chartered trips to major zoos both here and abroad, so that interested keepers can acquire a broad knowledge of zoo operation which may be of benefit to the performance of his specific duties at home.

Your cooperation would be needed to allow a keeper time off either by vacation, compensatory time, leave of absence or individual agreement. Proposed tours, however, would be planned at a time when they would be the least inconvenient to zoo operation.

We would like to see a reciprocal keeper exchange program backed by zoo management, which would give qualified and interested professional zoo keepers an opportunity to learn procedures and practices of animal care in various zoos which he might apply to advantage in his zoo.

This proposal would necessitate extensive cooperation on the part of management and keepers. Those keepers chosen to participate in such an exchange would have to agree to provide his own accommodations and transportation and agree to your rules of operation. Each zoo would continue the keeper on his respective payroll to eliminate any monetary involvements. For the keeper to qualify, he would have to prove his ability, character, and potential value to his zoo and yours.

I would like to relate one point of interest, underlined in correspondence received from members across the country, the desire of the keeper to be rewarded justly by recognition of his importance to the successful operation of a zoo. He has no desire to step beyond the bounds of his duties, except to be accepted as an important part of the zoo team, and to be rewarded with praise if he is deserving.

It is the intention of the AAZK to focus favorable publicity on the American Zoo Keeper, which in turn will bring favorable attention to our zoos and their purpose.

This abbreviated picture describes an organization that will achieve its purpose of assurance that zoos will grow and have better records of animal maintenance and reproduction. Incentive is the key word to encourage animal keepers to reach the zoo's potential. We

appreciate your assistance, your encouragement and your understanding. We as keepers have a sincere desire to contribute our best to make our zoos successful. As representative of an organization whose potentially valuable contributions to the field of zoology are unlimited and untouched, I seek your assistance voluntarily, not by demand.

A closer relationship between management and labor would do much to improve the capabilities of the zoo's purpose. I feel that if the zoo keeper is recognized as a professional part of the zoo team, and if he is allowed to actively participate in zoological activities, many impertinent problems would be erased.

We ARE professionals and we DO intend to demand quality within our profession in order to insure the welfare of our purpose.

One final request is the most important of all. When you fill a vacancy at management level, look to the keeper ranks. Qualified experience in addition to administrative abilities is the combination for today's zoological success and although his professional abilities are obtained without benefit of formal degree, the keeper's first hand experience is a valid prerequisite and his devoted efforts should warrant consideration.

RAISING MUNTJAC INDOORS by George Badavich, Senior Keeper, Pittsburg Zoo

Part of my work includes the raising and breeding of Muntjac. I have 11 in the herd. Muntjac are a very nervous type of animals. They are best worked by one man at a time, this tends to lessen any possible nervousness among the herd.

We feed the Muntjac on alfalfa, and Purina Dairy Chow. We settled on this as the best diet after many trials on various variety of vegetables and fruit, oats, omelene, and even cooked meat and vegetables. Due to raising the Muntjac indoors, we added cod liver oil to their pellet feed.

For quite a long time, we had a bit of difficulty due to the females being overly motherly, not only to their own young, but the young of others. Every time we had a young male born, the mother, and the other females consistantly licked the rectal orifice to a point where the skin became raw, infected and literally torn. We managed to save two of four young males. This condition was eliminated by seperating the young at night before leaving work.

When our stud died, we acquired another. Since then, we have had no rectal disorders. We now have five fine males to trade or sell.

We use sawdust and shavings on the pen floors as this facilitates cleaning and makes a nice exhibit. During the summer months, we use dairy spray to keep down the flies.

We've only lost one other Muntjac due to chronic colitis. This seems to be an incurable condition. Any information regarding the condition will be deeply appreciated.

RARE AND ENDANGERED SPECIES by Edward Magee, Keeper, Catskill Game Farm

The Wisent (Bison Bonasus). Now estinct in the wild, the European cousin of our Bison lived in large forests. Preserved from extinction by zoological parks, it is one of the rarest exhibits in the United

States and Europe. While the American Buffalo has been saved from extinction by timely action of Government and Conservation groups, it is unfortunate that this stately cousin of our native Bison has been exterminated in the wild state. Few specimens are to be found in European and American Zoos.

The Wisent reaches a shoulder height of up to seven feet when fully grown, and in contrast to our Bison, has longer legs, less developed hump and fore quarters, shorter head and horns, a more slender build and strictly an animal of the forest avoiding open areas.

NEWS FROM STANLEY PARK ZOO reported by Ken Kennedy

Like many zoos, summers are busy seasons. Stanley Park is no exception. The Children's Zoo was a popular attraction again, open from June 24th to September 3rd. Some of the more popular exhibits were a baby chimpanzee, fruit bat, genet, pair of brush-tailed possums, baby beaver, to name a few.

In the main zoo area, ~~some of the young birds~~ raised in the open ponds were:

18 Mute Swans	25 Pea Fowl
1 Black Swan	1 Blue Goose
3 African Shelducks	
80-100 Canada Geese	50 Wood Ducks

A pair of Egyptian Geese and Indian Spot-billed ducks both nested but did not hatch any eggs.

Our flock of 24 flamingos ~~which were received~~ from Havana, Cuba, last March are doing fine. They like people and it is hoped they can stay outside year round. A shelter with infra-red lighting

provides needed warmth.

The baby Hoolock Gibbon which was born last March is doing fine.

In October 1967, the Australian government donated 4 red kangaroos and 2 agile wallabies. There was a bonus in the pouch. They are in their new house and adapting well. Two young are in the pouches now and one which was refused by the mother in early October is being bottle fed and seems to be getting quite a bit stronger.

Our latest acquisition is a pack of white Artic Wolves, 2 adults and 4 yearlings. They were received from a Canadian Wildlife Biologist studying them in the Northwest Territories. Their new quarters should be ready by January.

THE KEEPER'S CORNER by Dick Sweeney

Mr. George Badanich, Pacyderm Keeper, at the Pittsburg Zoo began his career on January 12, 1960. Although he confesses some difficulties with a cantankerous young female named Sally (he means an elephant) he was able to win the affection of his charges. George relates that one time, Sally made an attempt to charge and Arusha, her companion, came to his defense. Arusha cornered Sally and knocked her to the floor. From then on, George became boss. Prior to becoming elephant keeper at Pittsburg, he says he owes much thanks to David Robinson for the experience he gained in handling hoofed animals. If you're ever in Pittsburg, be sure to look for George, Sally and Arusha.

NEWS FROM SAN DIEGO reported by Ken Willingham, Sr. Keeper

Klauber Dedication: The first wing of a \$90,000 temperature-controlled reptile and amphibian exhibit will be opened here today, Sept. 18, 1968 as a highlight of the Zoological Society's 51st annual meeting. The 200 foot long unit, on the north side of Reptile Mesa, will be named the Klauber Amphibian and Reptile Exhibit in memory of the late Laurence M. Klauber, long time member of the Zoological Society's Board of Trustees and former Board Chairman of the San Diego Gas and Electric.

Ground was broken today signifying the start of construction of our half-million dollar "Skyfari" ride. When constructed, the Skyfari will travel approximately 169 feet at the highest point over the Reptile House, Wegforth Bowl, the Tapirs, Scripps Flight Cage, the Great Apes, and Stork and Crane Canyon to a vicinity between the Kangaroo and Elk pens. It will consist of 47 aluminum gondolas capable of carrying four passengers each. The ride will be 1,800 feet long.

AAZPA members, approx. 30 in number, came down from the convention held in Los Angeles the week of Oct. 7 for a complete tour of the zoo.

Guest speaker at the AAZK October meeting was Mr. Gary Clarke, Director of the Topeka Zoological Park, Topeka, Kansas. Introducing Mr. Clarke was, Mr. Frank M. Thompson, Director of the Mesker Park Zoo, Evansville, Indiana.

Guests over the weekend of Oct. 12, were Mr. Robert Wagner,

Director of the Livingston Park Zoo in Jackson, Miss; Dr. Lester Fisher, Director of the Lincoln Park Zoo in Chicago; Mr. Lewis R. Di Sabato, Director of the San Antonio Zoo, Texas.

Recent Acquisitions: 1 Senegal Galago 3 Pied Barbets
2 Crested Barbets 1 Gaudy Barbet 1 Black Spotted Barbet
6 Mendanao Tarsiers 1 Grevy Zebra (male)
Births: 1 Parma Wallaby 1 Swamp Wallaby
3 Abyssinian Lovebirds

NEWS FROM SAN DIEGO REPTILE DEPT. reported by Carl Pyle

New Arrivals: 6 Blandings Turtles 2 Graceful Chameleons
2 Sonoran Green Toads 4 Black & Blue Frogs 3 Groove-crowned Bullfrog
2 Rattle voiced Treefrogs 3 Colombian Horned Frogs
Eggs Hatched: 3 Eastern Painted Turtles
Births: 7 Pacific Rattlesnakes

NEWS FROM BROOKFIELD ZOO reported by Dewey Garvey

Births: 2/1 Costa Rican Deer (*Odocoileus virginianus*)
2/1 Sitatunga (*Tragelaphus spekei*) 1/1 Guanaco (*Lama Guanicoe*)
New Arrivals (Imports): 1/4 Red Flanked Duiker (*Cephalopus rufilatus*) - 1/2 Maxwell's Duiker (*Cephalopus maxwellii*) - 1/2 Harnessed Antelope (*Tragelaphus scriptus*) - 2/2 Black Backed Duiker (*Cephalopus dorsalis*) - 1/1 Nilgai (*Boselophus tragocamelus*).

Brookfield has lost one of its most distinguished residents. Mumbo the first Okapi born in captivity in the United States on

6/9/63, died last month of a stomach infection. Mumbo was our only male Okapi.

One of our senior residents is Sally, the chimpanzee. Sally was born in 1921, in '26 she was given to the Getz Zoo near Holland, Mich.; in '33 she was bought by Brookfield Zoo, and since then has been one of our most popular residents. Sally has always been a ham even now in her senior years likes to entertain the zoo visitors. She has always tried to help her keepers and will saw wood, pound nails, and hold a nut while her keepers tighten a bolt from the outside of her cage. She won't drink without her cup and likes to eat with a fork and spoon. After eating, she would powder her face and wash her hands and face. For exercise, she liked to skate or ride her tricycle then play the tamborine for her musical interest. She also loved to have her keeper trim and polish her nails. Sally likes the colors green and white but for some reason disliked red.

Sally has a rival in the chimpanzee old folk's home. He is Heinie, a resident in Lincoln Park Zoo in Chicago, who is 2 years older than Sally.

Sally in her old age has become a bit of a problem. She has become a loner and doesn't want anyone in her cage while she is there anymore but loves to have visits from old friends who handled her in the good old days. When her old keepers come by to visit, she acts as though she has just recaptured her youth.

We all wish Sally many more happy years in the Primate House.

WHAT'S THIS we hear about Dewey Garvey of the Brookfield Zoo? Seems like his bike gave him more trouble than the animals. Hope his leg heals fast!!

NEWS FROM CATSKILL GAME FARM reported by Harold Johnson

Catskill's policy of continuous growth gives us the following news. A new warehouse to store supplies for plumbing, electrical shop, maintenance work, etc. is being erected.

Open moats in the African hoof section will soon be complete. Included in new moated enclosures-White Rhino, Antelope, Zebra and many others. All enclosures share the natural back drop of the famous Catskill Mountains.

NEWS FROM PORTLAND ZOO reported by Dale N. Brooks

Our 7th baby Elephant was born Sept. 29 to Effie (an Oakland, Calif. cow sent here for breeding). The youngster weighed in at 200 lbs.

The first American Bison calf was born Sept. 20. Our original bull was old and evidently sterile, so Jack Marks, Director exchanged him for a young bull with good results.

Two Llamas delivered healthy offspring and 2 Moor Macaques presented young also.

Other less recent births were:-----

2 Black-tail Deer	2 White-tail Deer	1 Sika Deer
1 Giraffe	1 Wallaby	1 Brazilian Tapir
2 Chimpanzees	2 Sykes Monkeys	1 Golden Rhesus

2 Jaguars

4 Cougars

2 African Lions

NEWS FROM TOPEKA ZOOLOGICAL PARK reported by John Wortman

Topeka has a new AAZK reporter. He is Chris LaRue.

Recent Arrivals: 1.1 Andean Condors 0.1 Common Rhea
0.1 Moor Macaque 2 Green Iguanas 1.1 Abyssinian Ground Hornbills

September 21 was the fifth annual Topeka Friends of the Zoo day. The Friends is a local civic organization that works with the Zoo staff to accelerate the development of the zoo. During the morning of the Friend's Day, there were free train and pony rides plus the regular monthly wildlife film for members.

Also, the new Hoofed Animal Building for Zebras and Camels was dedicated. The money and materials for this building were made possible by the Friends. The Topeka Park Department's maintenance crew constructed the building and I might add, they did an excellent job.

In addition to the many ways in which the Friends have helped our zoo, they were responsible for development of Topeka's Australian Building. This structure was built in 1966 entirely with volunteer labor and donated money and materials.

An informal keeper's meeting was held on the twenty-fourth of September 1968 in the Zoo's Education Room. A guest at the meeting was Jake Smith, an Animal Keeper at the Kansas City Zoological Gardens. A very interesting film, Birth of a Red Kangaroo, was shown and Mr. Smith described the different job areas he had worked, and discussed the keeper's role at the Kansas City Zoo. Mr. Smith's comments were

informative and the Topeka keepers sincerely appreciated his attendance at the meeting.

EXHIBITING CHIMPANZEES by Chris LaRue, Topeka Zoological Park

Next to man, the Chimpanzee is probably the most intelligent of all primates and is probably the most popular of all animals in any zoological collection. The chimpanzees' likeness to man, their intelligence, and their playfulness makes them favorites of all zoo visitors-old and young alike. They also never cease to surprise and delight their keepers with their constant playing and never-ending curiosity. Given the right care, chimpanzees adapt well to the zoo environment and make excellent exhibits.

A major factor in exhibiting happy and healthy chimps is the providing of occupational activity. Chimps can be given many different types of play equipment ranging from trees and stumps to nylon chains, ropes, and 'Monkey bars'. Along with play equipment, chimps benefit immensely from small toys that keep them busy playing so they don't get bored. The more toys the chimps have, the better, but since one toy will only keep their attention for a short time, it is best to divide their toys-giving them a few at a time and removing the toys when they tire of them. Variety is the key to overcoming boredom.

Another helpful occupational activity for chimps, is the personal contact between the chimps and their keepers. Going in the exhibit to feed the chimps gives them a much needed break in trying to entertain themselves. "Play Sessions" are great for the chimps and also help to

make a friendly relation between the keeper and the chimps. This type of relation can come in handy when moving chimps to new quarters or in time of illness. These "play-sessions" are most practical with young chimps and are only recommended with those older individuals with very friendly and non-aggressive personalities. A keeper should always remember that the chimps are quite intelligent and, as with elephants, occupational activity is very important.

NEWS FROM KNOWLAND PARK ZOO reported by Charles F. MacGowan

Two recent arrivals at the Zoo were: 2 American Crocodiles (*Crocodylus Acutus*). They will be housed in a large outdoor heated pool, along with 3 Caiman (*Caiman Sclerops*), 8 American Alligators, large Alligator Snappers, Slider, and Red Ear Turtles. The display is complemented with lush tropical planting. The pool itself has become a favorite wishing well with zoo visitors. The proceeds have been used in our ever expanding reptile displays.

SUBSCRIPTIONS TO THE 'AMERICAN ZOO KEEPER', a keeper's journal published by the Los Angeles Chapter of the AAZK can be purchased by contacting Richard Burton, Los Angeles Zoo, 5333 Zoo Drive, Los Angeles, Calif. 90027.

We recommend this publication. It's a valuable asset to keeper education. Subscription rate \$5.00 per year.

NEWS FROM ROGER WILLIAMS PARK ZOO reported by James L. Draper

In the past four years, Roger Williams Park Zoo has been going

through a complete face lifting job. All the buildings have been remodeled and last year, the big animals were moved to bigger and better pens. The four remaining pens, which were built in the 1930's will be torn down in the near future.

As of April 15, 1968, the city of Providence and the Zoo took a big step forward by acquiring a Zoo Director. The new Director, Mr. Dion Albach, has just arranged for the money needed to turn a four acre swamp into a natural habitat for birds.

Births for 1968:	1/2 Sika Deer	0/2 Fallow Deer
2/0 Yak	0/1 Stump-tailed Macaque	0/1 Bison
1/0 Lar Gibbon	0/1 Scotch Highland Cattle	
Acquisitions:	0/1 Asian Elephant	1/1 Ring-tailed Lemur
1/2 Lar Gibbon	1/1 White-fronted Wallaby	0/1 California Sea Lion
5/3 Blue Peafowl	1/2 Mute Swan	1 Swainsous Toucan
1 Ariel Toucan	1 Scarlet Macaw	1 Sulphur-breasted Toucan
2 Emerald Toucanettes,	1 Ruddy Turnstone,	0/1 Black-tailed Silver Marmoset

NEWS FROM MIDDLESEX FELS ZOO reported by Edward A. Roberts

Ed Roberts is reporting for the Metropolitan District Commission, one of Massachusetts Political Subdivisions, this covers Franklin Park Zoo, Boston and Middlesex Fells Zoo.

Tragedy struck in September when our brilliant young zoo Director at Middlesex was killed in a head-on car collision. Mr. Walter Stone, well known and liked throughout the zoo world was Past President of the AAZPA, 1964-65.

New arrivals at Middlesex Zoo: 2 female Greater Kudu
1 female Klipspringer ----- Assorted Ducks for Lagoon
Franklin Park Zoo: ----- 1 Lechwe Water Buck born

CONSERVATION NEWS reported by Ken Willingham

Wild Life Imported into the United States in 1967

This report of wildlife importations into the United States in 1967 is based on information supplied in declarations for importations of wildlife, which must be filed by importers at the port of entry where Customs inspections take place.

A total of 6,065 declarations for live wildlife were filed with U.S. Customs officers and transmitted to the Bureau of Sport Fisheries and Wildlife. Entering the country were; 74,304 mammals (65,526 of these were primates), 203,189 wild birds (not including canaries or psittacine birds), 27,759,332 live fish, 30,157 mollusks and crustaceans, 137,697 amphibians (a considerable number of these were frogs), 405,134 reptiles (varying in species from large snakes such as boa constrictors, pythons, and deadly cobras to small caymans and chameleons).

Facts about Wildlife Importations

"Controls" are imposed on all importations of live mammals, birds, fish (including mollusks and crustacea), amphibians, reptiles, or the offspring or eggs of any of the foregoing, into the United States. This means these animals are either prohibited or the animals are granted entry only for a specific purpose and under special permits.

All such importations are subject to health, quarantine, agriculture, Customs, or other requirements imposed by law or regulations of an authorized Federal, Territorial, State, or Municipal agency.

The Bureau of Sport Fisheries and Wildlife, U.S. Dept. of the Interior, administers the Lacey Act of May 25, 1900, 18 U.S.C. 42, as amended, which governs the importations of foreign wildlife. Regulations implementing the Act require, among other things, the reporting of incoming live wildlife and fish.

Restrictions are placed on importations of harmful species such as fruit bats of the genus *Pteropus*, Mongooses, Meerkats, European rabbits, Indian wild dogs, and multimammate rats or mice. Several species of harmful depredating birds such as the Pink Starling, Dioc, Java Sparrow, and Red-whiskered Bulbul are also in the restricted importation category.

For information concerning the importation of dogs, cats, monkeys, and Psittacine birds, inquiries should be addressed:

Chief, Foreign Quarantine Program

National Communicable Disease Center

Atlanta, Georgia 30333

(Compiled in the Branch of Permits, Division of Management and Enforcement, Bureau of Sport Fisheries and Wildlife.)

QUESTIONS AND ANSWERS

1. What fish has body colors that change to match the ocean bottom?

2. What animal grows a web between his toes in winter so that he can walk over snow?

3. What animal that is not a worm can continue to live after it has broken into two equal parts?

4. Does the male ostrich roar like a lion?

5. What is a Lhasa apso?

Answers to last month's quiz

1. No bear really goes into true hibernation, although most bears spend a lot of their time sleeping during the winter months.

2. The eagle can fly as fast as 180 MPH.

3. The gnu is considered the most dangerous fighter when cornered.

4. A camel reaches adulthood at 5 years, then capable of carrying a full burden of weight.

5. The Mastadon was the ancient relative of the elephant.

WITH THE RAPID INCREASE IN OUR AAZK NEWSLETTER CIRCULATION, it has become necessary to consider the purchase of a new mimeograph machine to handle our needs with more speed, quality, and efficiency. In order to defray the cost of this new machine which would become the property of our association. We are asking our membership if they would like to contribute toward the purchase price. Since it would be used to maintain our very worthy Newsletter, which is the property of each member, we would appreciate whatever you would care

to contribute. Your dues and assessments will cover the cost of the new machine over the course of the year, but if we can distribute the ownership by contributions, we could increase our quality and extra service to you at an earlier date. Please forward all contributions to AAZK NEWSLETTER, 3388 Granada Ave., San Diego, Calif. 92104. Cost of new machine \$700.00 Electro-Printer, Bohn, Rex-Rotary D-490.

FOREIGN ITEMS by SSG. Marvin L. Jones (now in Viet Nam)

Hamburg, Germany-Erna Mohr, died of uremia in early September, a great loss to the zoo world. There is some apprehension as to who will take over her studbook work with the Wisents, since she had maintained the cards for animals in 'Western' lands.

Stuttgart, Germany-The female Indian Rhinoceros 'Nanda' (born 25 Aug. 1965 to Gadadhar and Moola) arrived in May from Basel Zoo, and weighed some 1.45 tons. She cost almost \$25,000 and it is planned to send her back to Basel later for mating with the bull Arjun. The zoo also has added Onagers and Sable Antelopes (the latter species has always been rare in German zoos, now is seen in quite a few.

THE AAZK NOW HAS FOUR AFFILIATED CHAPTERS in addition to its affiliate memberships. Los Angeles Zoo-65 Keepers, San Diego Chapter-48 Keepers, Cincinnati Zoo-10 Keepers, Central Park Zoo (which combines Central Park Zoo, Queens and Brooklyn) in New York-45 members.

The total AAZK membership at this printing is 479.

AAZK WELCOMES NEW MEMBERS

Robert Willingham(Lodi, Calif.)	Tom Wood(Seattle, Wash.)
Bob Williams(Seattle, Wash.)	Ernie Wagner(Seattle, Wash.)
Nan Zaic(Baltimore, Md.)	William Walters(Baltimore, Md.)
Dale Tuttle(Oklahoma City, Okla.)	Tommy Staggs(Oklahoma City, Okla.)
Beverly Space(Sussex, N.J.)	Fay Steele(Honolulu, Hawaii)
Anthony Santopietro(Denver, Colo.)	James Sherfield(Oklahoma City, Okla.)
Fred Reinke(Oklahoma City, Okla.)	Wayne Palmer(Oklahoma City, Okla.)
Art Norman(Seattle, Wash.)	Larry J. Martin(Catskill, N.Y.)
Moses E. Mattos(Honolulu, Hawaii)	Judy Klinefelter(Seattle, Wash.)
George Jorgensen(Seattle, Wash.)	Richard Kummer(Rochester, N.Y.)
Gene Herrmann(Seattle, Wash.)	Roger Hylton(Oklahoma City, Okla.)
Thomas Huff(San Francisco, Calif.)	James France(Baltimore, Md.)
Bruce Graham(Lodi, Calif.)	Mick Ebersole(Oklahoma City, Okla.)
Wilson Everhart(Oklahoma City, Okla.)	Howard Diven(Bronx, N.Y.)
David Davies(Oklahoma City, Okla.)	Gene Chriest(Seattle, Wash.)
John Carter(Oklahoma City, Okla.)	Ernest Carter(Oklahoma City, Okla.)
John Collins(Seattle, Wash.)	Jim Cordero(Lodi, Calif.)
Bud Corwin(Lodi, Calif.)	Barbara Beery(Seattle, Wash.)
Harry Born(Los Angeles, Calif.)	Fred Beall(Timonium, Md.)
James Bardsley(Catskill, N.Y.)	Elaine Bressie(Oklahoma City, Okla.)
William Brand(Denver, Colo.)	Earl Tohler(Birds, San Diego)
Jim Ellis(Birds, San Diego)	Penny Matt(C.Z., San Diego)
E. Tom Schultz(Reptiles, San Diego)	Chas. Henderson(Reptiles, San Diego)

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